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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/863,071	05/22/2001	Kazuaki Sugai	CANO:027	7600

7590 09/21/2006

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EXAMINER

KE, PENG

ART UNIT PAPER NUMBER

2174

DATE MAILED: 09/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/863,071	<b>Applicant(s)</b> SUGAI, KAZUAKI	
	<b>Examiner</b> Peng Ke	<b>Art Unit</b> 2174	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 05 July 2006.
- 2a) ☒ This action is FINAL.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1, 2, 5-9, 13, 17-23, 27, 30 and 35 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1, 2, 5-9, 13, 17-23, 27, 30, and 35 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

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### DETAILED ACTION

This action is responsive to communications: Amendment, filed on 7/5//06.

This action is made Final.

Claims 1, 2, 5-9, 13,17-23, 27, 30, and 35 are pending in this application. Claims 1, 5, 9, 13, 17, 18, 19, and 27 are the independent claims. In the amendment, claims 1, 2, 5-9, 13,17-23, 27, 30, and 35 were amended.

### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 2, 5, 6, 8, 9, 13,17-23, 27, 30, and 35 rejected under 35 U.S.C. 102(e) as being anticipated by Ramirez Diaz US Patent US 6,476,858.

As per claim 1, Ramirez Diaz teaches a multi-window display control apparatus comprising:

A display control unit that controls a display device to display a plurality of windows in a display screen of the display device; (figure 3, item 140; figure 1, items 101 and 102)

A selecting unit that selects one of the windows; (figure 2, item 103)

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A storage that stores selection history information for each of the windows selected by said selecting unit; (column 6, column 55-65, figure 8a, item 305); It is inherent that when user adjustment is preferably maintained, the setting is saved in a storage device) and

A control unit that responses to selection of one the windows by said selecting unit, for controlling said display control unit to change a size of each of the windows based on the selection history information stored in said storage. (figure. 4, column 2, lines 50-70, column 7, lines 20-35)

As per claim 2, Ramirez Diaz teaches the method of claim 35. Ramirez Diaz further teaches wherein said control unit determines display position and sizes of the video window and the operation panel window such that all of windows do not overlap with each other. (column 2, lines 50-70, column 7, lines 5-35)

As per claim 5, Ramirez Diaz teaches a multi-window display control apparatus capable of connecting to a video device, the apparatus comprising:

A display control unit that controls a display device to display a plurality of windows including a plurality of video windows and an operation panel window, (figure 3, item 140) at least one of the plurality of the video windows displaying an image based on image data output from the video, and the operation panel window displaying an operation panel for controlling the video device; (figure 1, items 101 and 102)

A selecting unit that selects one of the video windows;

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A control unit that controls said display control unit to change a size and a display and a display position of the operation panel window corresponding to the selected one of the video windows in accordance with a changing of a size of the selected one of the video windows. (figure. 4, column 2, lines 50-70, column 7, lines 20-35)

As per claim 6, Ramirez Diaz teaches a multi-window display control apparatus as claimed in claim 5. Ramirez Diaz further teaches said control unit controls said display control unit to change sizes of operating buttons included in the operating panel window in accordance with the changing of the size of the selected one of the video windows. (Figure 4, The operating buttons of the two left windows are larger than the operating buttons of the 8 right windows)

As per claim 8, Ramirez Diaz teaches a multi-window display control apparatus as claimed in claim 5, wherein said control unit controls said display control unit to change display position and sizes of all of the video windows and the operation panel window that are being displayed, in accordance with the changing of the size of the selected one of the video windows. (column 7, lines 5-35)

As per claims 12 and 17, they are rejected with the same rationale claim 1. Supra

As per claims 13 and 18, they are rejected with the same rationale claim 5. Supra.

As per claim 19, Ramirez Diaz teaches a multi-window display control apparatus comprising:

A display control unit that controls a display device to display a plurality of windows in a display screen of the display device; (figure 3, item 140)

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A selecting unit that selects one of the windows; (figure 2, item 103)

A movement direction indicating unit that indicates a direction of movement of the one of the windows selected by said selecting unit; (column 6, lines 55-65) and

A control unit that is responsive to indication of movement direction of the selected one of the windows by said movement direction indicating unit, for controlling said display control unit to move the selected one of the windows in the indicated movement direction and display the selected one of the windows at an enlarged size, the enlarged size being larger than sizes of all of non-selected ones of the windows. (figure. 4, column 2, lines 50-70, column 7, lines 20-35)

As per claim 20, it is of the same scope as claim 5, Supra.

As per claim 21, Ramirez Diaz teaches the method of claim 19. Ramirez Diaz further teaches when one of the windows has been selected by said selecting unit, said control unit controls said display control unit to display the one of the windows selected by said selecting unit at an enlarged size. (figure. 4, column 2, lines 50-70, column 7, lines 20-35)

As per claim 22, Ramirez Diaz teaches the method of claim 21. Ramirez Diaz further teaches when the one of the windows displayed at the enlarged size is moved in the indicated movement direction, said control unit controls said display control unit to display the moved one of the windows at a maximum size. (figure. 4, column 2, lines 50-70, column 7, lines 20-35)

As per claim 23, Ramirez Diaz teaches the method of claim 23. Ramirez Diaz further teaches when the one of the windows displayed at the enlarged size is moved in the indicated movement direction, said control unit controls said display control unit to display an operation panel window in a region not occupied by the windows. (column 7, lines 20-35)

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As per claim 27, it is rejected under the same rationale as claim 19. Supra.

As per claim 30, it is of the same scope as claim 22. Supra.

As per claim 35, Ramirez Diaz teaches the method of claim 1. Ramirez Diaz further teaches wherein the plurality of windows comprise a video window, and an operation panel window that display an operation panel for controlling a video device, the video device outputting image data for displaying an image on the video window. (figure 1, items 101 and 102)

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 7 and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ramirez Diaz US Patent US 6,476,858 in view of Ishida US Patent 5,684,969.

As per claim 7, Ramirez Diaz teaches a multi-window system as claimed in claim 5. However Ramirez Diaz fails to teach wherein said control unit controls said display control unit to change numbers of operating buttons included in the operation panel windows in accordance with the changing of the size of the selected one of the video windows.

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Ishida teaches wherein control unit controls display control unit to change numbers of operating buttons included in the operation panel windows in accordance with the changing of the size of the selected one of the video windows. (column 8, lines 26-64)

It would have been obvious to an artisan at the time of the invention to include Ishida's teaching with method of Ramirez Diaz in order display all the general information in a single display.

### ***Response To Argument***

Applicant's arguments with respect to claims 1, 2, 5-9, 13,17-23, 27, 30, and 35 have been considered but are deemed to be moot in view of the new grounds of rejection.

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.



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***Contact information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peng Ke whose telephone number is (571) 272-4062. The examiner can normally be reached on M-Th and Alternate Fridays 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine L. Kincaid can be reached on (571) 272-4063. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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